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ADDITIONAL INSTRUCTIONS TO TENDERERS

Issued to :

Division Accountant / D. A. O
R & B Division.

GOVERNMENT OF GUJARAT
ROADS AND BUILDINGS DEPARTMENT

Tender papers for the work of

TENDER DOCUMENTS

- (1) Estimated Cost. Rs.
- (2) Earnest Money. Rs.
- (3) Security Deposit Rs.
- (4) Time Limit Months -
- (5) Tender Fee Rs.
- (6) Blank Tenders will be available on-line before _____ by Executive Engineer R. & B. Division Bhuj during working days up to 4.00 pm.
- (7) Completed tenders will be received up to office hours on _____ by S.E. R. & B. Circle No.2, Ahmedabad by On-line only.
- (8) Validity period of tender offered 120 days from the stipulated date of receiving of the tender but no modifications shall be allowed after handing over tender to postal authorities.
- (9) Tender will be opened if possible at 12.00 Noon on next working day.

CHAPTER - 1

CONCLUSIONS

The contractor shall not be permitted to tender for the work in which his near relative is working in that Division as an Executive Engineer, Deputy Executive Engineer, Assistant Engineer, Additional Assistant Engineer, Overseer, Divisional Accountant, Store Keeper, Manager of Atithi/Vishram Gruha on the day on which the tender is submitted. On that particular day, the Superintending Engineer controlling that Division should not also be his near relative.

- (1) By the term "Near Relative" it is meant wife, husband, parents, grand parents, children, brothers, sisters, uncles, aunts and cousins.
- (2) (Accompaniment to Government R. & B. Department, Resolution No. TNC/1054/IB-204/(26/c, dated 24th January, 1985).

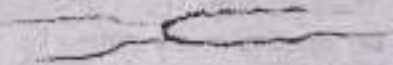
The Executive Engineer
R. & B. Division

Details regarding my / our / partners, Directors of our Company (in the case of limited Company) Names, address(es), Telephone number(s) Income Tax office etc. are as under :

[illegible]

(2) I/We hereby agree to intimate to you about changes if any in the above-mentioned address(es) and Telephone No. (s) within fifteen days of its occurrence till my/our deposit, for the said work paid by me/us is not refunded to me/us.

Signature of Contractor
with stamp



For and on behalf of Governor
of the State of Gujarat

Signature
Designation

Place :

Date :

Name of Work :

DECLARATION

- (1) I have visited the site and fully acquainted myself with the local situation regarding materials, labour and other factors pertaining the work before submitting this tender.
- (2) I have carefully studied the conditions of the Contract, specifications and other documents of this work and I agree to execute the same accordingly.
- (3) I solemnly pledge that I shall be sincere in my duties as discharging reasonable contractors and complete the work within the prescribed time limit. I shall submit detailed construction programme with target dates for various items and stages of work keeping in view the time limit and shall accordingly arrange for labourers, materials and equipments etc. punctually. In case there are deviation from the construction programme, I shall abide by the decision of the Executive Engineer for revision of the programme and shall arrange for labour, materials, equipments etc. accordingly.

Signature of the Contractor

Executive Engineer

(R & B) Division

CHAPTER - 3

GENERAL CONDITIONS

- 3.1 All petty items occurring in the work and as found necessary in actual execution shall be carried out as per general specification in P.W.D. Hand-Book Volume No. I & II (Latest) Edition.
- 3.2 The contractor shall construct temporary shed for storing cement properly and also temporary building with a covered area 20' X 12' with necessary camp furnitures for the use of the Government Officers as directed by the Executive Engineer for which no payment will be made.
- 3.3 The contractor shall provide all labour and pegs, strings and other materials as required for lining and marking all the work and measurements without any payment from Government.
- 3.4 The contractor shall give to the municipality, police and other authority notices etc. that may be required as per rules. He will also construct enclosures and fences for the protection and convenience of the working people, and the public during the progress of the work and permanent residence and adjoining ground property etc. and clear the site on completion of work.
- 3.5 Whenever shorings may be deemed necessary by the Executive Engineer, the contractor shall perform the same in the best possible manner with the best possible materials and to the satisfaction of the Executive Engineer. The contractor shall provide such kind of shoring as Executive Engineer may consider necessary.
- 3.6 If the trenches near houses or other buildings are required involving shoring and strutting the contractor shall carry out the same at his own cost. Such precautions to safe guard existing structures with utmost care as necessary shall be taken. After the work is completed near such building the contractor may remove shores and make good cutting or holes or any other damage done to the private properties.
- 3.7 All water pipes, gas pipes existing drains or any other works which may be met within or about the excavation shall if Executive Engineer deem it practicable, be properly maintained by the contractor by means of shoring, strutting and planking over otherwise as the Executive Engineer may direct. They shall be protected by the contractors from damage during the progress of work or if damaged shall be made good by him at his own cost. If however, Executive Engineer consider that the contractor should maintain any such pipe drains or works and that the existing work is necessary by breaking down or removal of such obstructions as the Executive Engineer may direct the same shall be done by contractor.
- 3.8 Non-withstanding that all proper precautions may have been taken by the contractor at all times during the progress of the work the contractor shall be held responsible for all damages whether to the work under execution or to any other property or to live persons during the progress of work and the period of maintenance.
- 3.9 The site of the work after the completion of the work shall be given in charge to the Department in a neat and clean condition after removing all the rubbish and filling all pits and hollows and levelling the ground in good conditions.

3.10 Explosives and Inflammable materials :

If explosives or inflammable materials are to be used for the execution of works, the contractor shall at his own expense, obtain such licences as may be required for storing and using explosive and/or inflammable materials and locate, construct and maintain magazines if such are required for storage in accordance with the requirements of the appropriate Government Rules in force.

Such magazines shall be clearly marked "Dangerous explosives" in the care of competent watchman all the time. The contractor shall exercise utmost care while using explosive and/or inflammable materials so as not to endanger life or property and shall be solely responsible for any and all damages resulting from their storage and use and shall indemnify absolutely Govt. and its officers and employees against any claim, liability arising out of any accident or violation to any law, rules, orders etc.

3.11 Damage by Flood, Rains or Accidents :

The contractor shall take all precautions against damage by flood or rains, or from accidents. No compensation be allowed to the contractor for his plant or materials lost in/or damaged by flood or rains or from other causes. The contractor shall be liable to make good any plant or materials of every description belonging to Government which is in charge of the contractor or earth work or C.D. works lost or damaged by floods or rains or from any other cause.

3.12 Compliance of laws :

The contractor shall keep himself fully informed of all acts and laws of the Central & State Governments, all local by laws, ordinances rules and regulations and all orders and direction of bodies or tribunals having any jurisdiction or authority, which in any manner affect the conduct of the workers. He shall at all times observe and comply with all such laws, ordinances, rules and regulations, orders and direction and shall give all notices and pay fee or charges to which he may be liable. He shall protect and indemnify the Government and its officers and employees against any claim or liability arising from or based on the violation of any such law, ordinance regulations, orders or direction whether by himself or by his employees.

3.13 Treasure Trove :

In the event of discovery by the contractor or his employees during the progress of work of any gold, silver, oil or other minerals of any description and precious stones, treasures, coins, antiquities, relic, fossils or other articles of value of interest whether geological, archaeological or any other such treasure & other things shall be deemed to be the absolute property of the Government.

3.14 Convenience of Traffic :

The contractor shall notify in writing to the Engineer-in-charge of the starting of any construction or other operations that may in any way cause inconvenience or endanger traffic, at the earliest possible time and sufficiently in advance to enable the Engineer-in-charge to take action as per rules. Under no circumstances, the contractor shall close any road to traffic without the written permission of the Engineer-in-charge. Whenever necessary, temporary detours or diversions shall be made and maintained for traffic. Such diversions shall have a width of not less than 20'-0" through out and shall be provided with necessary road signs clearly visible from a distance by day or night. These shall be preliminary warning by red flags by day and red lamps by night at a distance of 500 ft. from the diversion. All diversions shall be clearly marked by white washed stones or other such means.

All operations necessary for the execution of works and for the construction of any temporary works shall so far as concerned with the requirements of the contract permits be carried out so as not interfere and unnecessarily or improperly cause public inconvenience and with the occupation of public or private road and foot-paths and the least possible obstruction shall be caused to the traffic.

3.15 Change in Price : Wages etc. subsequent to Acceptance of Tender :

The contractor shall not be entitled to claim any compensation on the grounds that subsequent to the acceptance of the tender there was —

- (a) Increase in the price of materials or goods whether controlled by Government or not.

OR

- (b) An increase in the wages, allowances or amenities to labour, whether on account of any legislation or law passed by Government or for any other reasons.

OR

- (c) An increase in the tariff freight charges and fare or any other charges or railway, road, sea or air.

OR

- (d) Increase in the rates or quarry fees, Sales Tax, octroi, royalties or any other taxes, fees or charges.

OR

- (e) An increase of any similar nature.

Exception will be to the extent of Price Adjustment clause.

3.16 Residential accommodation and sanitary and medical arrangements to be provided to the labour employed by the contractor.

- (i) (a) Before opening of labour camp, the contractor shall obtain and follow the advice of concerned Assistant Director of Public Health regarding the camp, site accommodation, water and food supply, sanitary arrangements etc.

- (b) The contractor shall build sufficient number of the huts for the labourers on a suitable plot of land according to the following specification :

- (i) A good site shall be selected. High ground removed from jungle, but well provided with trees shall be chosen wherever it is available. The neighbourhood of rank jungle, grass or weeds should be particularly be avoided. Camps should not be established close to large cuttings of earth-work. When a good natural site cannot be procured attention should be given to drainage.

- (ii) The lines of huts shall have open space of atleast 10 meters between rows.

- (iii) Huts of bamboos and grass may be constructed.

- (iv) There should be no overcrowding. Floor space on a scale of 2.8 Sq.m. per head should be provided.

- (v) The contractor must find out his own land. If no Government waist land is available he should apply for it and pay assessment for it.

- (C) The contractor shall as far as possible, provide an adequate supply of potable drinking water for the use of labourers. This provision shall be at the rate of not less than 10 gallons per head. No provision need be made where there is a suitable nalla, river or well within 0.4 km of the camp.
- (d) The contractor shall construct trench or semipermanent latrines for the labourers on a scale of not less than five for every 100 persons or part thereof. Separate latrines shall be provided for men and women. The labourers may at their option be allowed to use either the trench system or the latrines system.
- (e) The contractor shall construct.
 - (i) Screened bathing place on a scale of not less than one for every 20 persons or part thereof. Separate bathing place shall be provided for men and women.
 - (ii) Washing place for washing clothes on a scale of not less than one for every 30 persons or part thereof.
 - (iii) An efficient drainage arrangement for removing sewage water from bathing and washing places and for its disposal without causing nuisance.
- (f) The contractor shall provide the necessary staff for effecting conservancy, sanitation and cleanliness to the satisfaction of the Engineer-in-charge. Sweepers shall be employed on scale of not less than one sweeper for every 200 persons or part thereof.
- (g) If there is no Government or satisfactory private dispensary within 1.6 K.M. of a labour camp containing 500 persons or more, the contractor shall engage a registered medical practitioner with a travelling dispensary, within 8 Kilometers of labour camp.
- (h) The contractor shall arrange for all anti malarial measures for the labourer employed on the work as directed by the Assistant Director of Public Health.
- (i) The contractor shall take suitable measures for fire prevention and control to the satisfaction of Engineer-in-charge.

3.17 PREVENTION OF NUISANCE AND POLLUTION :

The contractor shall take all necessary prevention of any nuisance or inconvenience to nearby owners, tenants or occupiers of adjacent properties and to the public generally and to prevent any damage to such properties by any pollution of stream and water ways. He shall make good at his own expenses and to the satisfaction of the Executive Engineer and damage to roads, paths, cross drainage works of public or private properties whatsoever caused by the execution of the work or by traffic brought thereon by the contractor. All waste or superfluous materials shall be cleaned away by the contractor.

3.18 TRESS-PASS :

The contractor shall at all times be responsible for any damages or trespass committed by his agents and working people in carrying out the work unless such damages or trespass is authorised by the Engineer-in-charge.

3.19 INDEMNIFY :

The contractor shall indemnify and save the Government officers and employees against all action suits, claims, demands of any character in respect of any matter or things done or omitted to be done by the contractor in the execution of or in connection with the works of this

contract and against any loss or damage to Government in consequence for any action or suit being brought against the contractor for any thing or omitted to be done in the execution of the contract.

The Government shall not be liable to the contractor for damages or delay resulting from work by third parties or by injunctions of other restraining orders obtained by third parties.

3.20 NO WAVING OF LEGAL RIGHTS AND POWERS :

The P.W.D. shall not be precluded or stopped by any measurements, estimates or certificates made either before or after the completion and acceptance of the work and payment thereof from showing the true amount and character of the work performed and materials furnished by the contractor and from showing that any such measurement, estimates or certificates, if were not in a true or incorrect P.W.D. shall not be precluded or stopped from recovering from the contractor such damages as it may sustain by reasons of his failure to comply with terms of the contract.

Neither the acceptance by the P.W.D. or any representative of the P.W.D. nor any consent for acceptance of the whole or any part of the work nor any extension of time nor any possession taken by the P.W.D. shall operate as a waiver any portion of the contract or any power herein reserved or of any right to damages.

A waiver of any breach of the contract shall not be held waiver of any other or subsequent breach.

3.12 POLICE PROTECTION :

If police is called for by the contractor for special protection of his camp or work the Public Works Department will arrange for such protection so far as possible with authorities concerned and full cost of such protection shall be debited to the contractor and recovered from his bills.

3.22 Excess use of Materials supplied by the P.W.D.

If in case, the contractor uses materials supplied by the P.W.D. in excess of what is required as per the critical calculation of the Executive Engineer in charge of the work or refuse to return in good conditions such materials issued in excess of the requirements so worked for any reasons whatsoever the contractor shall be required to pay the cost of such extra materials at the penal rates which shall be at double the issue rates as charged to the contractor as per schedule "A" of the contract agreement.

3.23 The contractor shall comply with the following regulations as regards the hoisting appliances to be used by him.

- (a) Hoisting machine and tackle including their attachment anchorages, supports shall
 - (i) Be of good mechanical construction sound materials and of adequate strength and free patent defect and.
 - (ii) Be kept in good repair and in good working order.
- (b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of suitable quality and adequate strength and free from patent defect.

- (c) Hoisting machines and tackles shall be examined adequately tested after erection of the site and before the use and be re-examined in position at intervals to be prescribed by Government.
 - (d) Every chain, ring, hook, shackles, shovel and pulley used in hoisting or lowering material as mean of suspension shall be periodically examined.
 - (e) Every crane driver or hoisting appliance operator shall be properly qualified.
 - (f) No person who is below the age of 14 years shall be in control of any hoisting machine including any scaffolds which may give signals to the operator.
 - (g) Hook shackle, shival and pulley block used in hoisting or lowering or as mean of suspension the safe working load shall be ascertained by adequate means.
 - (h) Every hoisting machine and all gears referred to in the proceeding regulations shall be plainly marked with the safe working load.
 - (i) In the case of hoisting machine having a verbal safe working load each safe working load and the condition under which it is applicable shall be clearly indicated.
 - (j) No part of hoisting machine or gear referred to in regulation in regulation "g" above, shall be loaded beyond the safe working load except for the purpose of testing.
 - (k) Motors, gearing, Transmission, electric wiring and other dangerous parts of hoisting appliances shall be covered with efficient safe guards.
 - (l) Hoisting appliances shall be provided with such means as will reduce to minimum the risk of the accidental decent of the load.
 - (m) Adequate precautions shall be taken to reduce to minimum the risk of any part of a suspended load becoming accidentally displaced.
- 3.24 The contractor as far as possible contain his requirements of labour skilled or unskilled through the nearest Employment Exchange.
- 3.25 All the rates quoted by the contractor are inclusive of Sales-Tax and the contractor will pay the same himself.

CHAPTER - 4

- 4.1** The contractor shall have to construct their store for controlled any valuable materials issued to him under Schedule "A" of the agreement of work site having double locking arrangements. The materials shall be taken out for the use in the presence of the departmental person. No materials shall be allowed to be removed from the site of work.
- 4.2** The contractor shall also give a list of machinery in his possession which he proposes to use on the works.
- 4.3** The rate for the item in schedule "B" shall be given in words and figures. Amount of each item shall be also entered in the proper column and grand total of the amount shall be given by the tenderer. The amount shown against each item in tender shall tally with the rate and quantity on the basis of unit as given and that in case of any error, tenderer shall be bound by the offer on the basis of rate only.
- 4.4** If the tender is taken in favour of company power of attorney in favour of person, who may have been authorised by the company shall accompany the tender.
- 4.5** Copies of certificates as regards the previous experiences, if any, shall be enclosed with the tender.
- 4.6** Declaration showing that all work in hand with the contractor and value of work that remains to be executed in each case shall be enclosed with the tender.
- 4.7** While receiving the tenders availability of sufficient machinery in possession with the contractor will be point for consideration.

CHAPTER - 5

SPECIFICATION FOR COLLECTION OF MATERIALS REQUIRED FOR ROAD WORK

ROAD MATERIALS

- 5.0** The materials required for road work are mainly as under.
- (a) Road materials
 - (b) Cement
 - (c) Aggregates
 - (d) Coarse Aggregate
 - (e) Fine Aggregate
- 5.1** The contractor shall make his own arrangements to obtain the materials from an existing or a new quarry in Government waste land, private land, or land belonging to other state or taluka dars etc. after opening out the quarry and before starting collection the quarry shall be got approved by the Engineer-in-charge. The contractor or piece worker shall pay all royalty charges, compensation etc. as per rules in force from time to time. No claim or responsibility on account of any obstructions caused to the prosecution of the work by difficulties arising out of the private owners of land will be entertained.
- 5.2** The rate in the tender includes all incidental charges such as opening out a new quarry, opening out a new portion in an existing quarry, removing the soil and other unsuitable materials, dewatering quarry, cost of blasting powder and fuse. Road repairs to existing cart tract making new cart tracks, octroi charges, central Government, state or municipality Taxes, local boards dues etc.
- 5.3** The rate in the tender are for the delivery of approved materials on road side properly stacked at the places specified by the Engineer-in-charge and are inclusive of conveyance charges irrespective of the lead. No claim on account of charges in any land will be entertained.
- 5.4** Materials delivered to the works shall be equal to the approved samples and delivered sufficiently in advance of constructional requirements to enable further samples to be selected and tested by the Engineer-in-charge before using materials in the work.
- 5.5 LAYOUT OF MATERIALS STACKS :**
- The contractor shall deposit materials for the purpose of the works on such parts only of the site as may be approved by the Engineer-in-charge.
- The contractors shall submit before starting a work, details of sites survey clearly indicating position and areas where the materials for the work shall be stacked and sheds, submits to the Engineer-in-charge for approval. The contractor shall deposit materials only on the approved parts of the site.
- 5.6 Cement :** The cement will be supplied by the Public Works Department at the place and rates if so provided in schedule "A". However if contractor use his own cement, it shall confirm with the Indian standards 269-1952 ordinary rapid hardening and low heat portland cement.
- 5.7.** Adequate care shall be taken to prevent deterioration of cement in storage. The cement shall not be kept in the open. It shall be stored in weather proof shed with water tight walls and roofing. The windows and doors shall be minimum in number and sides shall be kept tightly closed except when materials are being actually put in or taken out. The floor shall be well

above the ground level preferably the plinth should be above 3'-0" high to permit direct unloading and loading of cement bags from trucks. The site shall be well drained away from the building. If the building is newly constructed sufficient time shall be allowed after construction for the interior to dry thoroughly.

- 5.8** Space of not less than 3 feet around shall be kept between the walls and the piles of bags. Similarly the bags shall not rest directly on the floor but shall be stacked as closed to each other as practical to reduce the circulation subject to a limit of about 15 bags from topping. They shall be arranged header and strecher fashion when the height exceeds seven bags.
- 5.9** Each consignment of cement as it arrives should be stacked separately and a suitable board placed and kept near the stack for other arrangements made to show the date of receipt. At the time of removal the oldest cement shall be removed first for use.

5.10 Aggregate :

Central : Aggregates shall be obtained when possible from a source which normally produce aggregate satisfactorily for concrete, if so, directed by the Engineer-in-charge. The aggregate whether coarse or fine shall be got tested at the Engineering Research Institute, Vadodara or Departmentally approved laboratory for their suitability for use in concrete.

- 5.11 Storage :** It is essential to prevent the aggregate from getting unclear by dust or mixing with soil, vegetable matter or unnecessary rehandling. Therefore the aggregates shall be :-

- (i) Stacked, piled adjacent to mixer site and so disposed around as to require minimum rehandling and labour when being moved to mixer.
- (ii) The aggregate shall be placed on a dry hard patch of ground as available, otherwise a platform of G.I. sheet or alternatively on floor of dry bricks or a thin layer of lean concrete facilitating shovelling and prevent earth and dirt from being shovelled up with aggregates.
Space of not less than 3 feet around shall be kept between the walls and the pipes.
- (iii) The stacks piles shall be as large in area as possible but low and fairly uniform in height preferably 4 to 5.
- (iv) Piles of different sizes of aggregate shall be kept carefully separate from each other to prevent premature mixing.

5.12 Coarse aggregate :

- 5.12.1** Coarse aggregate shall normally consist of crushed stone materials, gravel or a combination of any of those three and shall be chemically inert, hard, strong, durable or limited porosity free from adhered coating and clean and without grass or powder surface. In the case of crushed rock substantially all faces shall have resulted from crushing operation. Gravel shall not be used for the wearing coat.

- 5.12.2** The amount of deleterious substances shall not exceed the standard of maximum percentage by weight when tested according to the relevant Indian Standard method of test.

5.12.3 Size and Grading :

The maximum size of coarse aggregate to be used for a particular item of work shall be as stated in the detailed specification of the item concerned. The grading may be such as to produce dense concrete of the specified properties and consistency that will work readily into position without segregation without adding excessive water.

- 5.12.4** The coarse aggregate shall be delivered to the site in specified size unless otherwise authorised by the Engineer-in-charge.

5.13 Fine Aggregate :

The fine aggregate shall be of natural sand or sand produced from crushing suitable, hard or natural gravel. It shall contain only hard, strong, dense, durable uncoated particles.

5.13.2 The amount of deleterious substances shall not exceed the standard as mentioned on page No. 5 of revised manual regarding standard specifications for bridges. Maximum percentages, by weight when tested according to the relevant Indian standard Methods of test to fulfill or conform to the requirements as specified in details above.

5.13.3 Grading : No more than 5% shall exceed 3/16 inch in size and not more than 3% shall pass I.S. sieve No. 15 of B.S.A. S.T.M. Sieve No. 100.

5.14.1 All items in Schedule "B" are for complete jobs and shall include all labour, materials, construction plant and temporary works unless stated to contrary.

5.14.2 All item in schedule "B" shall include all lifts and leads unless stated to the contrary.

5.14.3 Before starting the work the site shall be cleared as necessary as per items 2 on page 2 of P.W.D., H.B. after completion of the work but before its acceptance, the site shall be cleared of all scaffolding surplus materials, rubbish etc as per clause 7 of the printed tender form. No extra payment shall be made for site clearance required at any stage.

5.14.4 Whenever any mention is made of I.R.C. Code it shall refer to the Indian Road Congress publication.

Standard Specification & Code of Practice for Road Bridges :

Section I General features	1960
Section II Roads & stresses	1968
Draft Sect. III Reinforced concrete Spt.	1980

5.15 Any reference to the Public Works Department Hand Book in the specifications shall be to the ninth edition.

5.16 Materials - General :

5.16.1 The materials used in the work shall be of the best qualities and kinds specified and no materials shall be used in the work until approved.

5.16.2 Samples of coarse and fine aggregate and of such other materials as may be specified or directed shall be deposited free of cost with the Engineer-in-charge as soon as possible after issue of orders to start the work and get approved sufficiently in time before the delivery of the materials represented there by.

5.16.3 If during the course of work the source and type of any materials is changed further samples shall be deposited. If any materials is unauthorisedly obtained the contractor will have to make good the damage and pay such compensation in addition as may be directed by the Executive Engineer.

5.16.4 Any materials that falls on any P.W.D. Road from the carts etc. during conveyance shall be immediately picked up and removed by the contractor failing which it will be got removed departmentally at his own cost. The contractor shall be liable for any claim of road use on account of such negligence etc.

5.16.5 The materials causing obstruction or danger etc. will be got removed by the Department at his own cost and no claim for any loss or damage shall be entertained. The contractor shall be responsible for any damage to track in charge of the P.W.D. and shall attend to any complaints which may be raised.

5.16.6 The materials shall not be stacked in a place where it is liable to be damaged or lost due to traffic passing over it, to be washed away by rain or floods, to be buried under and lands side

etc. or to slip down at embankment or bank side etc. No claim for any loss due to these or any similar cause will be entertained.

- 5.16.7** Before stacking the materials shall be free from all earth, rubbish vegetable matter and other extraneous substances and in the case of metal screened to gauge if so directed. When ready it shall be stacked entirely near of the roadway on ground which has been cleared of vegetation and levelled on the banks of roads etc. When it may be practicable to stack it entirely clear of the roadway. It may be stacked with the permission of the Engineer-in-charge on borrow area in such away as to cause minimum danger and obstruction to the traffic.
- 5.16.8** The materials other than rubble shall be measured by box measurements as per detailed specification and shall be stacked in a double hectometer and shall be of the same uniform size. The stacks (at the end) of each double hectometer may be of different size from the rest in order to adjust the total quantity to be required. No materials in excess of the requirement shall be collected. If so done, it shall be removed at the expence of the contractor.
- 5.16.9** In stacking materials the deposition shall commence at the end of the kilometer towards the other end unless otherwise directed by the Executive Engineer. Measurements of the materials stacked in a double hectometer will not be recorded until the full quantity has been stacked for 2 km. length. Collecting and spreading shall not be carried out at the same time in one and same kilometer in two adjoining kilometers except with the written permission of the Executive Engineer.
- 5.16.10** Unless otherwise directed, the materials shall be collected in the following orders, if approved in the tender (1) Rubble (2) Metal (3) Soft murrum (4) Hard Murrum.
- 5.16.11** Metal collected for petty repairs shall be stacked on the side opposite to where material for resurfacing is stacked. Where metal for two layers collected it shall be stacked as in the case of new road metal for each layer shall be stacked on the opposite of side of the road. All road materials shall be examined and measured before it is spread. The labour for measurement (and check measurements whatever necessary to be carried out) shall be supplied by the contractor immediately after the measurements are recorded. The stacks shall be marked by the contractor by white wash or otherwise as may be directed by the Executive Engineer to prevent any possibility of the same materials measured and any possibility of the same materials being measured and recorded over again and to prevent unauthorised tampering with the stacks. If the contractor fails to attend the measurements of materials after receiving due notice from the Sub-Divisional Officer or his subordinate stating the date and time of the measurements the same shall be recorded exparte and will be binding to the contractor.
- 5.16.12** The work shall be measured nevertheless if the labour or materials required at the time of measurements or check measurements after the notice have been given to him are not supplied by the contractor, the expense incurred on account of employing any departmental labour or materials etc. shall be charged against his account.
- 5.16.13** No deduction shall be made for voids for rolling and metalling.
- 5.16.14** The contractor will be allowed to use approved rubble and metal available from the cutting materials on payment of charges that may be fixed by the department provided the same are considered surplus by the department.

CHAPTER - 6

6.1 Acceptance :

Intimation of acceptance of tender shall be given by registered post to the address given below the signature of tenderer in the tender.

6.2 Details of works :

The tenderer shall state in his tender the name of the contractor in case the agency shall be other than himself from whom he purposes to obtain the centering. He shall also state by what method he proposes to effect the same. The designs of centering with type shall be got approved by the Executive Engineer before its erection.

6.3 Examination of plans and Locations :

Statements as to the condition under which work is to be performed includes plans, surveys relevant dimensions, calculations, estimates, bearing etc. are made to furnish a basis for comparison of tenders and the Government do not guarantee or represent that they are even very approximately correct. The contractor shall satisfy himself and make his own investigations and collect data affecting the work to be done and labour materials needed and shall make his bid relying on his data.

- 6.4 The work included in this contract shall be carried out in accordance with the specification rules and regulations as laid down in the books mentioned below in order of the priority (i) P.W.D. Hand Book Vol. I & II 1949 edition if the reference quoted above fall short for the items in schedule of contract, reference shall be made to Indian specifications for the latest edition. If any of the items of this contract are not covered by the reference books quoted above, details and specification as directed by the Chief Engineer, P.W.D. Gujarat shall be final, this shall depend upon the standard specifications allowed in different Countries of the work for the items concerned.

PROGRAMME : The Executive Engineer may at any time give direction as to the order and manner in which the several part of the work shall be carried out and the contractor shall strictly observe such direction.

6.5 Method of Carrying out the work :

The contractor shall furnish for the approval of the Executive Engineer a schedule giving the programme of the work giving details of the method of execution proposed to be adopted. No work shall be carried out by other method except the one approved by the Executive Engineer. The Ex. Engineer may suggest suitable modification in the programme and method prepared by the contractor. Adoption of any such changes shall not entitle the contractor for claiming any extra rates.

6.6 Relation with public Authorities :

The Contractor shall comply with all powers and legal order and directions given from time to time by any local or public authorities and shall pay out of his own money, the fees or charges to which he shall be liable.

- 6.7 The contractor shall at his own expense obtain such license as may be necessary for storing and using explosives. The P.W.D. shall incur no responsibility whatsoever in connection with the storage of explosives on the site or any accident or occurrence whatsoever in connection there with. All operations of the contractor on which explosives are employed being at the risk of the contractor and upon his sole responsibility and the contractor hereby given to the P.W.D. an absolute indemnity in respect thereof.

6.8 RETURNS :

The contractor shall furnish the Executive Engineer every day the progress of the works classified, weekly return of the number of people employed on the work during the week the report of skilled and unskilled labour shall be given in prescribed form. The contractor if directed by the Executive Engineer shall increase or decrease the strength of the labour both skilled and unskilled. The contractor shall also furnish the following returns :

1. A weekly medical report showing the health of the Contractor's camp and the number of persons ill.

OR

2. A report of any accident which may have occurred within 24 hours of its occurrence.

6.9 OCCUPATION OF ADDITIONAL LANDS :

In case when it becomes necessary for the fulfillment of the contract for the contractor to occupy land outside the P.W.D. Limits, the contractor shall make his own arrangement with the land owners and pay such rents as may be mutually agreed between them.

The public works Department shall afford the contractor all possible assistances to enable him to obtain land for such purpose.

6.10 CONTROLLED MATERIALS :

As regards controlled materials, P.W.D. will help to arrange for the permits as far as possible and help the contractor himself. Though the public works Department will help to arrange for the permits as far as possible in obtaining the materials it shall not accept any responsibility for any delay or loss on account of delay caused. Contractor shall submit the monthly return in the prescribed forms for the receipts and actual use of the controlled materials during the month to the Executive Engineer on close of every calendar month.

The contractor shall permit the Executive Engineer or his representatives to inspect the stock of the controlled materials stored by him at any time whenever Engineer or his representative desires.

6.11 Permit and licenses :

The contractor shall procure at his sole expenses all permits and licenses and pay all charges and fees for lawful execution of the work.

6.12 Permit devices, Materials and processes :

Whenever the contractor desires to use any design devices, materials or process covered by the letters, patent or copy right permission for such use shall be secured by suitable legal agreement with the patentee or owner and copy of agreement shall be filed with Executive Engineer.

6.13 Temporary Quarters :

The contractor will be required to make his own arrangement for housing of all his staff and working people during the execution of the work. The contractor shall maintain at his own expenses, efficient staff as may be required by the Executive Engineer. Suitable fire preventive measures to the satisfaction of the Executive Engineer shall be taken by the contractor.

6.14 Plant :

The contractor shall with his own expenses supply sound plant for the whole of the works sufficient to perform the work within the time agreed upon in the contract and keep the same in good condition. He shall also at his own expenses, repair or improve it when required by written request of the Executive Engineer or his representative.

All unused materials and all plants and equipment not removed by the contractor within two

months of the completion date of the works or any extension granted thereof by the Executive Engineer shall become the property of the Public Works department and contractor shall not be entitled to any payment or compensation whatsoever in respect thereof.

Conditions regarding Medical and sanitary arrangements to be provided for labour employed in the construction by the contractor.

- (a) The contractor shall follow rules regarding public Health and sanitary arrangements to be provided in labour camp as per paragraph 258 of Gujarat P.W.D. Manual Vol. I and appendix in that regard.
- (b) The contractor shall make arrangements for all antimalarial measures to be provided for the labour employed on the work. The antimalarial measures shall be as directed by the Assistant Director of Public Health.

6.15 Subletting of work :

The contractor will not be permitted to sublet any of the works without permission of the Executive Engineer-in-charge. If he gives permission for any part of the work to sublet, the main contractor shall take full responsibility for the quality of work. Before ordering subletting of the work the contractor shall submit the names of the subcontractors proposed for the approval of the Executive Engineer-in-charge and shall afterward send the two copies of the order for the work proposed to be sublet when submitting the names of the sub contractors for the approval it must be stated whether the firms proposed are the actual manufacturers of the materials. If not the names of the manufacturers shall also be submitted. The sublet order shall contain all necessary information given in the specification to enable the sub contractor or supplier to work in accordance therewith. The sublet order shall also contain the time in which the delivery of the materials will be given for the completion of the work. The contractor shall be held responsible for non delivery or non completion in stipulated time given in his tender for the completion of the whole contract.

6.16 Foreman, Watchman and workers :

Competent foreman and watchman shall be employed by the contractor. The P.W.D. shall at times have the right to remove from the work any foreman, watchman or man who gives an irresponsible response of misbehaves or misconducts.

6.17 Co-ordination of specifications, plans and special provisions the standard specifications, plans and all supplementary documents are essential parts of the contract and requirements occurring in one shall be as binding as though occurring in all the various documents. Specification and special provisions shall override both the plans and the standard specifications. Figured dimensions shall prevail over scaled dimensions if any. Other variations shall be decided by the Superintending Engineer.

6.18 Inspection of work and materials :

1. For Resident Engineer, Agent and Employees on the work, the contractor shall provide safe and proper facilities for inspection.
2. The inspection of the work shall not relieve the contractor of his obligations to fulfill the terms of the contract as herein prescribed by the plans and specifications.
3. The contractor shall furnish written information to the Executive Engineer stating the original sources of supply and dates of manufacturing of all material brought to the site manufactured away from the actual site of the work.
4. The contractor shall furnish the Executive Engineer every facility and assistance in ascertaining whether or not the work performed is in accordance with the requirements and instruction of the plans and estimates and the specifications. If so, directed by the contractor at any time shall comply and after acceptance of the work remove or uncover any portions of the finished work considered necessary for fresh inspection at his own cost.

cost.

5. In order to ensure a proper time sequence for required inspection and approval, the information shall be furnished at least two weeks or (otherwise) as directed by the Executive Engineer in advance of the use or incorporation in the work of any such materials and this shall be given in writing by the contractor.
6. The contractor shall obtain from P.W.D. a statement of the places where it is permitted for him to deposit the materials excavated. The contractor shall accept the entire site as he finds it and any work that may be necessary to carry out contract shall be provided for in his contract price.

6.19 Setting out :

The contractor shall be responsible for the true and proper setting out of the works and or the correctness of the position levels, dimensions and alignment of all parts of the works and for the provisions of all necessary instruments applicable and labour in connection there with. If at any time during the progress of the works any error shall appear or arise in the positions, levels, dimensions or alignments or any part of the works, the contractor is required to discuss with the Engineer and rectify such errors to the satisfaction the Executive Engineer. Unless such error is based on incorrect data supplied in writing by the Executive Engineer in which case the expenses of rectifying the same shall be borne by the Govt. Otherwise the rectification shall be done at the cost of the contractor. The checking of any setting out or of any line or level by the Executive Engineer or his representative shall not relieve the contractor of responsibilities for the correctness thereof.

- 6.20 No quarrying or blasting operations shall be permitted in the river bed in the proximity of the bridge for the purpose of taking out materials required for the work except where the sites are demarked by the Executive Engineer for this purpose. The contractor shall be personally responsible for any damage or accident caused by such operations.
- 6.21 An order book shall be provided and maintained by the contractor on the work and the contractor shall sign the order given by the Department and shall carry out them. Work Order Book is the property of the Govt. Supervisory staff on site. The compliance shall be carried out promptly and approved by the Executive Engineer in short time so that works can be checked.
- 6.22 No materials should be stacked any where on the entire formation width of the road while carrying out the work. These materials should be stacked on the open ground area of the land width on both sides of the road. Only in exceptional circumstances, with only written permission of the Executive Engineer such materials can be stacked on shoulders of the road surface.
- 6.23 During the working period, day and night all weather diversion shall have to be provided by the contractor without extra cost of Govt. The diversion shall be maintained in good conditions as directed by the Engineer-in-charge until completion of work. During the night time for the safety of traffic, red lamps, boards, etc. shall be provided without any extra cost.
- 6.24 One percent of estimated cost put to tender for this work after deducting the cost of materials as per Schedule 'A' valued at basic rate in the Sanctioned estimate shall be deducted from the running account bills of the Contractor for testing the quality of materials and workmanship. No additional testing charges in addition to this one percent shall be recovered from the contractor (Applicable to R & B Tender only) (R & BD GR No. TNC-1085-4-C, Dated 20-12-91)

Dated Signature of Contractor

Executive Engineer
(R & B) Division

ANNEXURE - 1

GOVERNMENT CIRCULAR NO. MON - 1083/3329 (244) H/Technical Requirement of Hot Mix Plant to be used on Contract Works : COMPOSITION OF PLANTS

The Hot Mix Plant shall conform generally to IS Specifications No. IS 3065/ 1965 as amended from time to time and shall be required with the following arrangements :

1. Cold Aggregate Feeder :

The cold aggregate feeder shall have minimum three independent bins compartment, each provided with accurate mechanical means for feeding the aggregate at uniform and predetermined rate to the cold elevator or to some intermediate conveyor or directly into the dryer. The feeder shall provide for the adjustment of total and proportional feed and shall be capable of being locked in any setting.

2. Dryer :

At the discharge end of the dryer or any other suitable location, means shall be provided for ascertaining the temperature of the heated aggregate.

3. Mixer Unit :

The plant shall include a continuous mixer of an approved twin shaft pugmill type capable of producing a uniform mix. If not enclosed, the mixer box shall be equipped with a dusthood to prevent dust.

There should be independent arrangement to feed mineral directly in the pugmill. The hopper bin for mineral filler shall provide for the adjustment to proportionate the feed and shall be capable of being locked in any setting.

4. Screening Unit and Gradation Control :

The dried aggregate shall be screened into not less than three size. The plant shall include means for accurately proportioning each bin shall have an accurately controlled, individual gate to form an orifice for proportioning the material drawn from each respective bin compartment. The orifice shall have positive mechanical adjustment and provided with a lock. Indicators shall be provided on each gate to show the gate opening in centimeters.

5. Bitumen Heating :

A circulating system for the bitumen shall be provided of adequate capacity to provide for proper and continuous circulation between storage tank and proportioning units during the entire operating period. Suitable arrangements shall be provided for recording the temperature at the tanks and in the circulating system.

6. Synchronization :

Synchronization of Aggregate and Bitumen Feed : Satisfactory means shall be provided to afford positive inter-locking control between the flow of aggregate from the tank to pugmill with mechanism of socket wheel which allows a fixed quantity of bitumen for a particular setting of the wheel.

Dated Signature of Contractor

Executive Engineer
(R & B) Division

CHAPTER-7

1. The Successful tenderer whose tender is accepted shall execute the work strictly as per specifications and applicable I.S.codes. Even if the work is executed as per departmental design and estimates, the contractor shall be considered responsible for specified quality both for functional Performance and public safety.
2. For works estimated to cost more than Rs one lac, but upto five lacs, the contractor shall exhibit public notice board of the size of 60 Cm x 120 Cm disclosing the following information :
 ૧. કામનું નામ (કામનો પ્રકાર) :-
 ૨. વિભાગનું નામ :-
 ૩. પેટા વિભાગનું નામ :-
 ૪. ટેન્ડરની રકમ :-
 ૫. ઈજારદારશ્રીનું નામ :-
 ૬. કામ શરૂ કરવાની તારીખ :-
 ૭. કામ પુર્ણ કરવાની તારીખ :-
 ૮. કરવાની કામગીરીની ટુંકમાં વિગત :-

કાર્યપાલક ઈજનેર,

..... વિભાગ

(R&BD circular No TNC-1090-24-C dated 25-10-02)

3. For works estimated to cost more than Rs. Five lacs, the contractor shall exhibit public notice board disclosing the following information.

માર્ગ અને મકાન વિભાગ હેઠળના રૂ. ૫.૦ લાખથી વધારે કિંમતના રસ્તા/પુલો/મકાનોનાં કામો ઉપર કામની વિગત દર્શાવતાં બોર્ડ :-

૧. કામનું નામ (કામનો પ્રકાર) :
 ૨. વિભાગનું નામ :
 ૩. પેટા વિભાગનું નામ :
 ૪. ટેન્ડરની રકમ :
 ૫. ઈજારદારશ્રીનું નામ :
 ૬. સુપરવાઈઝરી સ્ટાફનાં નામ :
 ૭. કામ શરૂ કરવાની તારીખ :
 ૮. કામ પુર્ણ કરવાની તારીખ :
 ૯. કરવાનાં કામની ટુંકી વિગત :
- રસ્તાનાં કામો :**

— માટી કામની જાડાઈ _____ સે.મી.

- મેટલના પ્રથમ સ્તરની જાડાઈ _____ સે.મી.
- ડામરની સપાટીનું કામ _____ સે.મી.
- (_____ કપચી, _____ ગ્રીટ અને _____ ડામર વાપરવાનો)
- ડામરની સીલિંગ સરફેસનું કામ _____ સે.મી.
- (_____ કપચી, _____ ગ્રીટ અને _____ ડામર વાપરવાનો)

પુલનાં કામો :

- પુલનાં _____ લંબાઈના _____ ગાળા
- પુલનાં પાયાના કોન્ક્રીટનું પ્રમાણ _____ (સીમેન્ટ, કપચી, રેતી)
- પુલનાં બાંભલા/એબટમેન્ટના કોન્ક્રીટનું પ્રમાણ _____ (સીમેન્ટ, કપચી, રેતી)
- સુપર સ્ટ્રક્ચરના કોન્ક્રીટનું પ્રમાણ _____ (સીમેન્ટ, કપચી, રેતી)
- અન્ય વિશેષ જોગવાઈ.

મકાનોનાં કામો :

- પાયાના કોન્ક્રીટનું પ્રમાણ _____ (સીમેન્ટ, કપચી, રેતી)
- ઈંટોના ચણતરમાં સીમેન્ટ/રેતીનું પ્રમાણ _____ (સીમેન્ટ, રેતી)
- ભોયતળિયાના કોન્ક્રીટનું પ્રમાણ _____ (સીમેન્ટ, કપચી, રેતી)
- ભોયતળિયે _____ સે.મી. જાડાઈની _____ સે.મી. સાર્ફલની મોઝેક ટાઈલ્સ
- બારી બારણા - સાગી લાકડાના / સ્ટીલ ફ્રેમ/ અન્ય.

આર.સી.સી. કામો :

આર.સી.સી. કામમાં કોન્ક્રીટનું પ્રમાણ _____ (સીમેન્ટ, કપચી, રેતી)

આ કામના વિગતવાર સ્પેશીફિકેશન નામબળ કાર્યપાલક ઈજનેરશ્રી, _____ પેટા વિભાગની કચેરીઓ ઓફિસના સમય દરમિયાન કોઈપણ સમયે જોઈ શકશે.

આ કામની માલિકી જાહેર જનતાની છે અને કામમાં કોઈ શક્તિ કે અનિયમિતતા જણાય, તો તે બાબતમાં સંબંધિત અધિકાર ઈજનેરશ્રી, _____ વતું જ કે જેઓની કચેરી _____ સ્થળે છે તેઓનું ધ્યાન દોરવા વિનંતી છે.

કાર્યપાલક ઈજનેર
વિભાગ

(મા. મ. વિ. ઠરાવ નં. ટી. એન. સી. ૧૦૯૦-૨૪-સ.તા. ૧૭-૮-૨૦૦૨)

4. Earnest money, Solvency certificate, Performance Bond and Security Deposit issued by the following Cooperative Banks will not be accepted.

અ.નં. બેંકનું નામ

૧. સુપ્રભાત કો.ઓપરેટીવ બેંક લી., અમદાવાદ.
૨. સર્વોદય કો. ઓપરેટીવ બેંક લી., અમદાવાદ

૩. સમી તા. નાગ-સહ. બેંક લી., સમી
૪. વેરાવળ રત્નાકર કો.ઓપ.બેંક લી. વેરાવળ
૫. હરિસિધ્ધિ કો.ઓપ. બેંક લી., અમદાવાદ
૬. રીલીફ મર્ક.કો.ઓપરેટીવ બેંક લી. અમદાવાદ
૭. સહયોગ કો. ઓપ. બેંક લી. અમદાવાદ
૮. વિકાસ કો. ઓપરેટીવ બેંક લી., અમદાવાદ
૯. વેરાવળ વિભા. નાગ-સહ. બેંક લી. અમદાવાદ
૧૦. લક્ષ્મી કો. ઓપ. બેંક લી. અમદાવાદ
૧૧. અમદાવાદ અર્બન કો. ઓપ. બેંક લી. અમદાવાદ
૧૨. મજૂર કો. ઓપ. બેંક લી. અમદાવાદ
૧૩. અમદાવાદ મહિલા નાગ-સહ-બેંક લી. અમદાવાદ.
૧૪. ભાગ્યલક્ષ્મી કો.ઓપ.બેંક લી. અમદાવાદ

5. After issue of work order, but before production of the first bill, the contractor shall produce the following documents in the office of Executive Engineer with copy to the concerned Deputy Executive Engineer.

- (1) Copy of labour Licence.
- (2) P.F. Registration number from the office of Regional Provident Fund Commissioner.
- (3) Insurance policy in Original in favour of Executive Engineer covering risk of accidents to labourers and site accidents.
- (4) Authorised site Engineers nominated by the contractor for the contract work.
- (5) Measurement and testing Equipments available on site.
- (6) Full details of machineries deployed/to be deployed on site of the work.
- (7) Progress schedule for execution of work within timelimit.

The payment of first R.A. Bill will not be made till the above requirements are fulfilled.

(Signature of the contractor)

QUESTIONNAIRE FOR THE TENDERER

1. The location of paver plant at present.
2. No. of paver work and total tonnage of asphalt work done to date.
3. The remaining tonnage of asphalt work to be completed still on (date of tendering)
4. Period required to complete remaining tonnage of asphalt work on hand present.
5. Period required to shift the paver plant at site of the work under reference.
6. Probable date to start actual asphalt work for the work under reference.
7. Details of machineries required for paver plant available with the tenderer.
8. Whether the hot mix paver plant conform to the composition and Technical requirement indicated in Annexure ?

Signature of Tenderer

સરકારના પત્ર ક્રમાંક : ટી.એન.સી. : ૧૯૮૧/૬/સી તારીખ :

પરિપત્ર બિડાણ

(અ)

અ.નં.	હોટમીસ પ્લાન્ટ માટેની ઠેકેદાર પાસેની મશીનચેની વિગતો			
(૧)	મશીનચેનીની વિગત (૨)	કેપેસિટી (૩)	સંખ્યા (૪)	પરિસ્થિતિ (૫)

સરકારના પત્ર ક્રમાંક : ટી.એન.સી. : ૧૯૮૧/૬/ તારીખ :

પરિપત્ર બિડાણ :

(બ)

હોટમીલ પ્લાન્ટથી કરવાના જે કામો ઠેકેદારને મળેલ હોય તેની વિગતો

અ.નં.	કામનું નામ	વિભાગીય કચેરીનું નામ	ટેન્ડરની રકમ	વર્ક ઓર્ડર આપ્યા તારીખ	સમય મર્યાદા	ટેન્ડરમાં ડામર કામની રકમ અને કુલ કામની રકમ	બાકી રહેલ કામની રકમ
(૧)	(૨)	(૩)	(૪)	(૫)	(૬)	(૭)	(૮)

સરકારના પત્ર ક્રમાંક : ટી.એન.સી. : ૧૯૮૧/૬/સી તારીખ :

પરિપત્ર બિડાણ :

(ક)

હોટેલીસ પ્લાન્ટથી કરવાના કામોના જે ટેન્ડર ભરેલા છે તેની વિગતો

અ.નં.	કામનું નામ	વિભાગીય કચેરીનું નામ	ટેન્ડરની રકમ	ટેન્ડર ભર્યા તારીખ	ટેન્ડર મળવાની શક્યતા છે કે કેમ ?
(૧)	(૨)	(૩)	(૪)	(૫)	(૬)

SPECIAL CONDITIONS FOR BITUMINOUS SURFACE WORK WITH HOT MIX PLANT AND PAVER FINISHER.

1. The Hot Mix Plant and accessories to be used for the work shall be in conformity with the specifications prescribed vide Govt. of India, Ministry of Transport Circular No. RO/RMP/1613784 dt 1-1-87. The plant shall be equipped with all units and accessories as per latest I.S. 3066/1965, as amended from time to time. The Contractor will have to modify their plants suitably within a period of six months from the date of issue of latest I.S. Specification or Codes.
2. The work of laying aggregate mixed with bitumen shall start on site of work only after 8.00 hours in the morning and continue upto 17.00 hours in winter season and upto 18.30 hours in summer. No work shall be done except during the period mentioned above and also on Sundays and National holidays viz. 26th January, 15th August & 2nd October.
3. Quantity of bituminous aggregate mix to be laid shall be restricted to 250 tones per day for 30/40 capacity plant and may be more or less depending upon the rated capacity of the plant.
4. The work of laying asphalt mix shall start latest within 60 days from the date of issue of work order and will be completed as per time limit. Reasons for delay in starting of work after 60 days shall result into sufficient cause for levying compensation for disproportionate progress. However, the period from 15th June to 15th October being monsoon shall not be counted for the purpose of disproportionate progress and consequent cause for levy of compensation. The contractors shall commence the work of laying pavement on or before the last date of the period mentioned above failing which he shall pay compensation not less than 500/- per day for every day that he shall delay the commencement of the work as above in accordance with clause-2 of the contract.
5. The Contractor shall invariably get the job-mix formula for the mix approved by the Engineer-in-charge before starting the work.

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After starting the work within 60 days by the contractor, he should keep the work continued failing which he is liable to pay compensation at Rs. 600/- per day from the date he keeps the work closed & restart the work except in the following cases.

- (1) If in case machineries break down and for that short period, work is closed.
- (2) During the period of break down of machinery Paver plant is not shifted from the work or from that site and no work is done on other site through the paver plant during the period of break down of machinery.

Signature of Contractor

Executive Engineer
(R & B) Division

ANNEXURE 2 : ટેન્ડર આઈટમોના ભાવો બરાબરી વખતે ગણતરીમાં લીધેલ મજૂરી તથા સ્પેસીફિકેશનમાં જણાવ્યા મુજબ માલસામાન અંગેના કામના સ્થળના પડતર ભાવા (દર) અંગેની વિગત. (આ વિગત ૩૦ લાખ કરતા ઉપરનાં કામમાં બરી રજૂ કરવી ફરજિયાત છે.)

(અ) મજૂરીના દૈનિક દર

(૧) કડીયા, મુશાર-પ્લમ્બર સ્કીલ કારીગરોના દર

રૂ.

(૨) ભીસ્તી, હેલ્પર વગેરે સેમી સ્કીલ કારીગરોના દર

રૂ.

(૩) મજૂરો (સ્ત્રી- પુરુષ) અનસ્કીલ મજૂરોના દર

રૂ.

(૧) મકાનો

અ.નં.	ટેન્ડર આઈટમ નંબર	માલસામાનની વિગત	યુનિટ	દર
૧.		ઈંટો	૧,૦૦૦ નંબ	રૂ.
૨.		પથ્થર ચરછાતરનો	ચ.મી.	રૂ.
		ખાકુ લીટ	૧૨મી.મી.મી	
		કપચી	૨૦ મી.મી.	
૪.		ખાકુ	૫ મી	રૂ.
		લીટ	કી.મી.	રૂ.
૫.		રેતી પ્રાપ્તિ સ્થાન	લીટ કી.મી.	
		લાકડું સાગીનકટ સારીઝ		
		(સરેરાશ પાટી માટે)		
		(અ) બારી	ચો.મી.	રૂ.
		(બ) બારણાં	ચો.મી.	રૂ.
૬.		ફ્લોરીંગ ટાઈલ્સ	ચો.મી.	રૂ.
૭.		પોલીસ કોટા સ્ટોન જાઈઝ મી.મી.	ચો.મી.	રૂ.
૮.		એલ્વેનાઈઝ પાર્કિંગ		
		(અ) ૨૫ મી.મી.	દર મી.	રૂ.
		(બ) ૧૨ મી.મી.	દર મી.	રૂ.

(૨) (રસતાઓ) કામના સ્થળ ઉપરના ભાવ

અ.નં.	ટેન્ડર અ.નં.	માલસામાનની વિગત	આવ પ્રાપ્તિ સ્થાનનું નામ (સરેરાશ)	લીટ કી.મી	યુનિટ	દર રૂ.
૧.		મુરમ			૫ મી.	
૨.		હાઈ મુરમ			૫ મી.	
૩.		રેતી			૫ મી.	
૪.		પેટલ			૫ મી.	
૫.		કપચી			૫ મી.	
		૧૨ મી.મી. થી ૨૦ મી.મી.			૫ મી.	
૬.		પથ્થર પીચીંગ માટે			૫ મી.	

(૩) પોટમીસાના કામો માટે કામના સ્થળ ઉપરના પડતરના ભાવ

અ.નં.	ટેન્ડર અ.નં.	વિગત	યુનિટ	દર	રીમાર્ક
૧.		કપચી	૫ મી.		ખાકા
૨.		લીટ	૫ મી.		ખાકા
૩.		બલ્ક આસ્ટ્રાફટ	ચો.ટન		
૪.		કામર કામની મજૂરી	ચો.ટન		

(૪) પુલાના કામો : કામના સ્થળ ઉપરના ભાવ

અ.નં.	ટેન્ડર અ.નં.	માલસામાનની વિગત	આવ પ્રાપ્તિ સ્થાન	લીટ કી.મી. (સરેરાશ) યુનિટ	યુનિટ	દર રૂ.
		મશીન કસ્ટ મેટલ			૫ મી.	
		કપચી			૫ મી.	
		લીટ			૫ મી.	
		રેતી			૫ મી.	
		હાઈ ટેન્સાઈલવાયર			ચો.ટન	

એક્ટોર યંત્ર

ઉપરોક્ત પરિશિષ્ટોમાં આપેલ દર ટેન્ડરમાં ભરેલ ભાવોની ચકાસણી અંગે લોઈ તે ખાતાન બંધનકર્તા રહેશે નહીં તેમજ તેનાં દર્શાવેલ ખાણ મધ્યકેવી સ્પેસીફિકેશન મુજબનો માલસામાન નહીં મળે તો તે સ્પેસીફિકેશન પ્રમાણેનો માલસામાન ખાતું માન્ય કરે તે અન્ય જગ્યાએથી લાવી આપીશું, જે માટે કોઈ વળતરનો કલેઈમ મુકવામાં આવશે નહિ.

Signature of the contractor :

કંટ્રાક્ટરની સહી :

Signature of the Executive Engineer :

કાર્યપાલક ઈજનેરની સહી :